

Crucible, Country's Leading Producer Of 'Fine Steels,' Invests Over \$35,000,000 In Plants in Pittsburgh-Midland District

Crucible Steel Company of America, the country's leading maker of the high-grade specialty steels termed by industry as the "fine steels," in 1949 will complete a program of plant improvements and expansion in the Pittsburgh-Midland District at a cost exceeding \$35,000,000. (The Company-wide program required a total of well over \$45,000,000.)

Operations of Crucible centered here in Pittsburgh and in Midland employ more than 10,000 persons.

The new facilities are designed to further establish the leadership of the Company in its traditional lines of steels—the hundreds of alloy, stainless, tool, machinery and special-purpose steels essential to every branch of industry.

And, at the big Midland, Pa., Works, with the installation of the new \$18,000,000 plant for the production of hot and cold rolled steel strip in stainless, alloy and high-carbon grades (see air view above), Crucible is extending its production to new special steel products for modern industry needs.

Midland Works of Crucible is 35 miles northwest of Pittsburgh on the Ohio River, at Midland, Pa. Here iron ore, coal from Crucible's own mine at Crucible, Pa., and the myriad other raw materials for iron and steel making are brought together.

The plant is equipped with two blast furnaces for the manufacture of pig iron, subsequently used in 11 open hearth and 5 electric furnaces for the production of open hearth and electric furnace quality steels. Further melting improvements are planned, for a projected ingot capacity of some 95,000 tons per month.

Midland Works incorporates facilities for bars and other special Crucible steel products in volume. The Agricultural Department, fast completing its installations in a new plant, makes the famous LaBelle discs and plow steels. At East Liverpool, Ohio, the National Drawn Steel department is in full operation.

Park Works, Pittsburgh

In Pittsburgh, at 30th and Smallman Streets, is Crucible's Park Works—a specialty manufacturing center making stainless sheets, hollow-drill and drill steels, and the Max-el machinery steels of Crucible. Also, the special rolling and finishing mills of Park Works turn out special shapes and finishes in steel for hundreds of specialty applications, including cutlery, lawn mower blades and other tools, jail bars and vaults, equipment and construction uses.

Spring Works, Pittsburgh

In new plant quarters at One McCandless Avenue, Pittsburgh, the Crucible Spring Works is one of the country's largest producers of railroad and heavy-duty springs—coil and elliptical steel springs in hundreds of different precision designs for railroad locomotives, passenger and freight cars, and for large equipment applications.

Fully Integrated Steelmaker

A fully integrated steel company, Crucible also operates manufacturing plants in Harrison, N. J.—the Spaulding Works, center for cold rolled specialties and special products; and, in Syracuse, N. Y.—the Sanderson-Halcomb Works, tool and high speed steel center and producer of special cold drawn and wire products. New "master" warehouses are located at each of these plants.

Trent Tube Company of East Troy, Wis., maker of stainless and alloy tubing by an exclusive continuous-welding process, is a wholly-owned subsidiary of Crucible.

Crucible Sales

The Crucible sales organization, including Pittsburgh Branch and Pittsburgh Crucible Sales in the Oliver Building, is nation-wide, aligned with the country's largest network of specialty steel warehouses, operated by the Company.

Because Crucible makes more specialty, tool and "fine" steels than any other producer, its metallurgical activities are intensive and broad. Customer specifications and requirements—often calling for a new type of steel—are so much a part of Crucible's standards that company metallurgists and engineers shuttle from customer to the mill constantly, providing the renowned "Crucible Full Line" steel service.

CRUCIBLE STEEL COMPANY of AMERICA

Oliver Building, Pittsburgh

Park Works, Pittsburgh

Springs Works, Pittsburgh

Midland Works, Midland, Pa.